

1/8

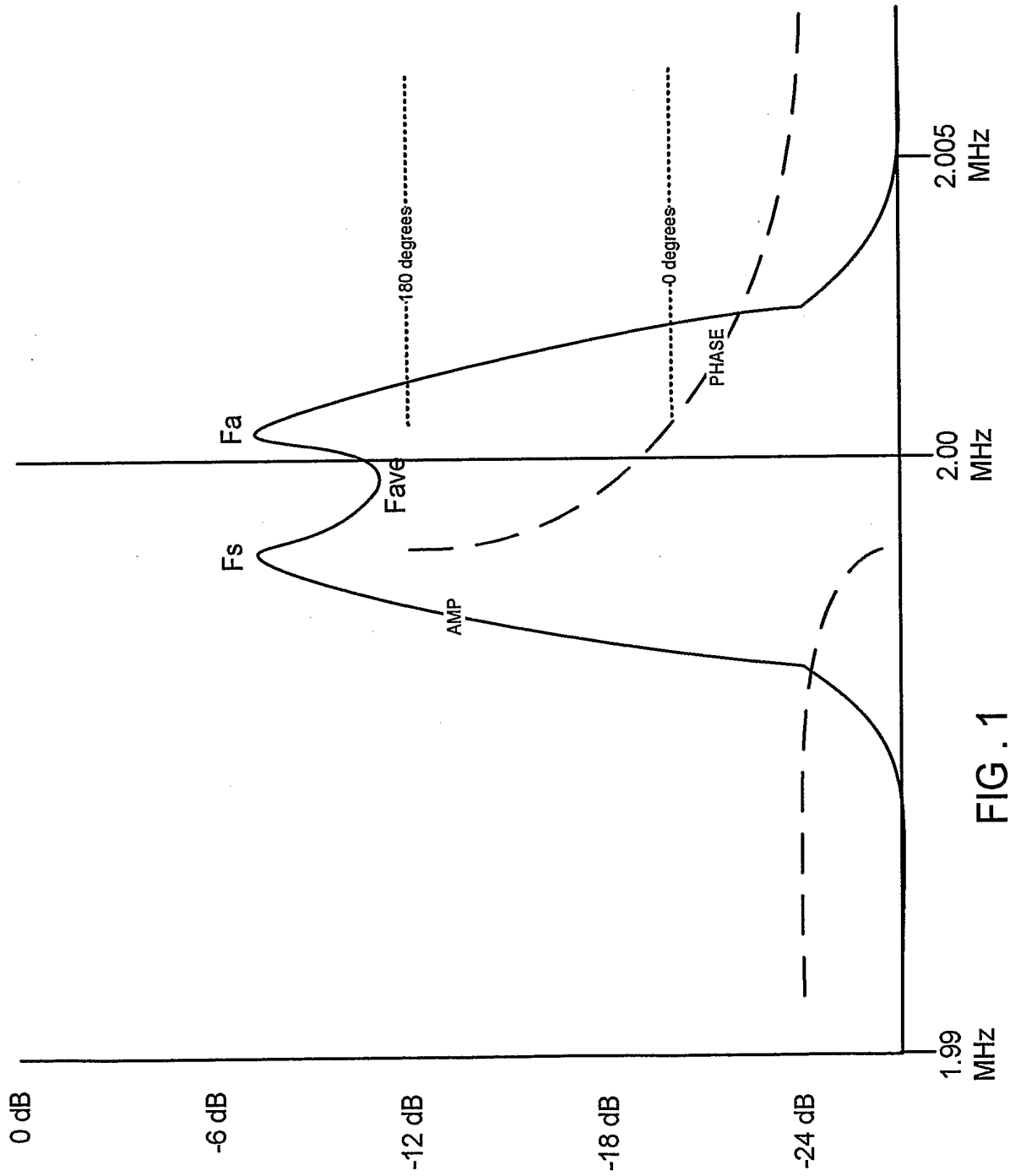


FIG . 1

2/8

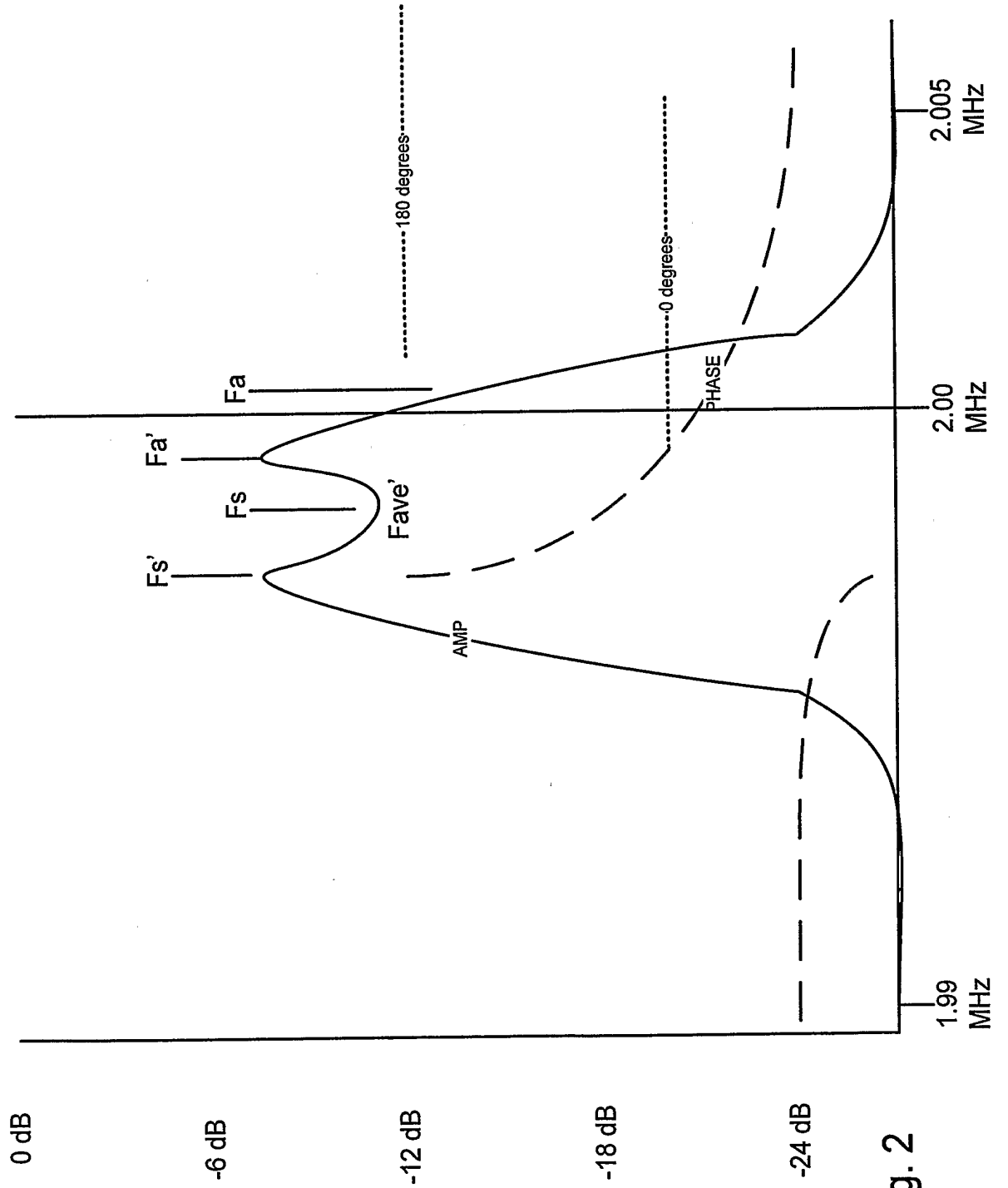


Fig. 2

3/8

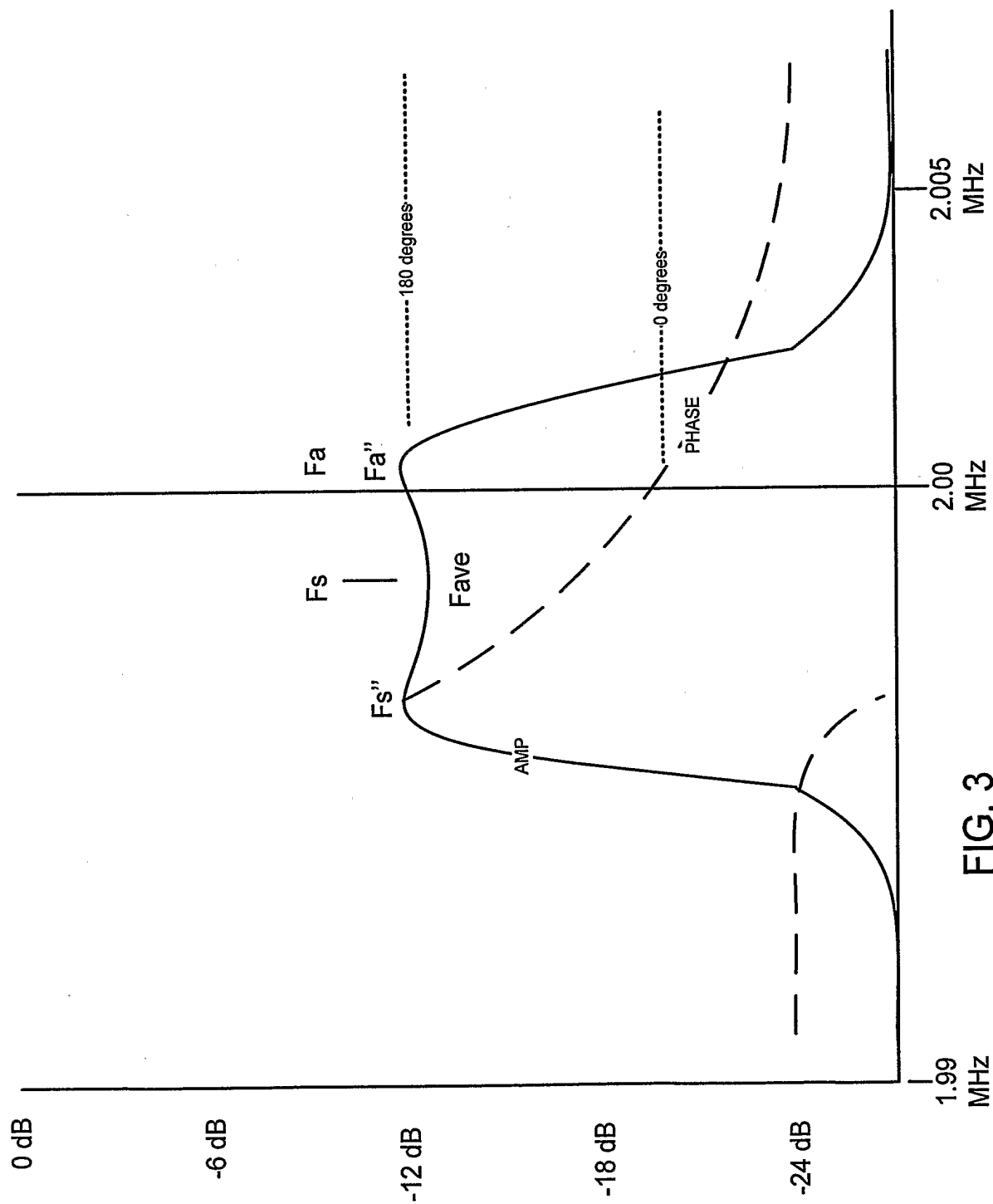


FIG. 3

4/8

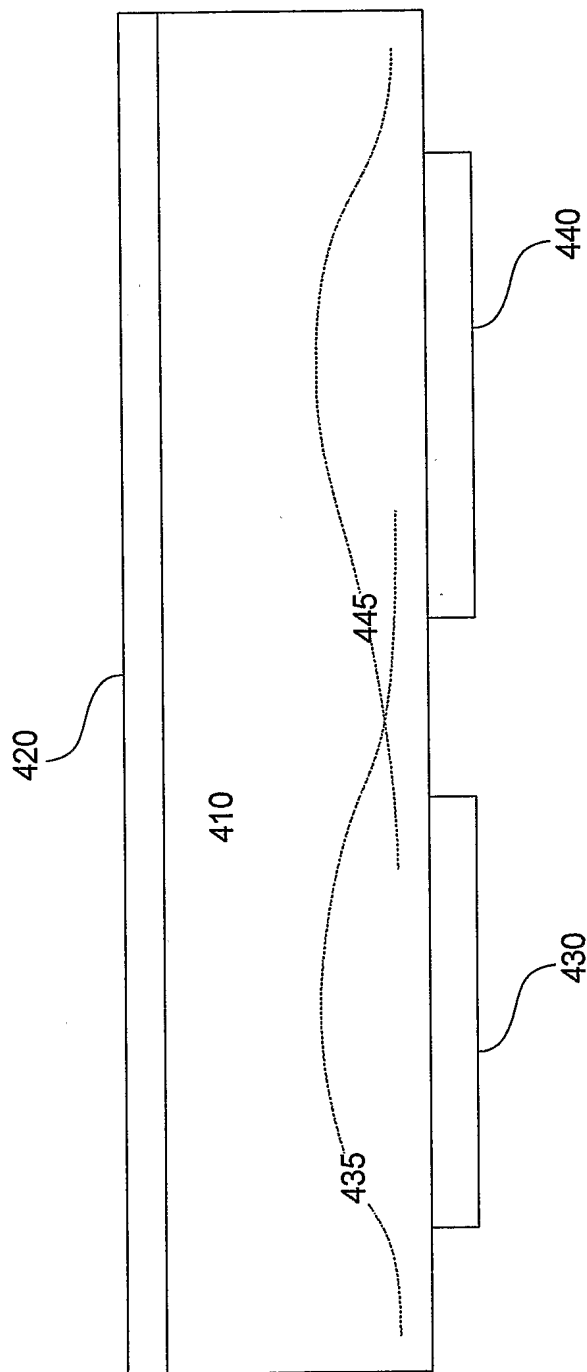


FIG. 4a

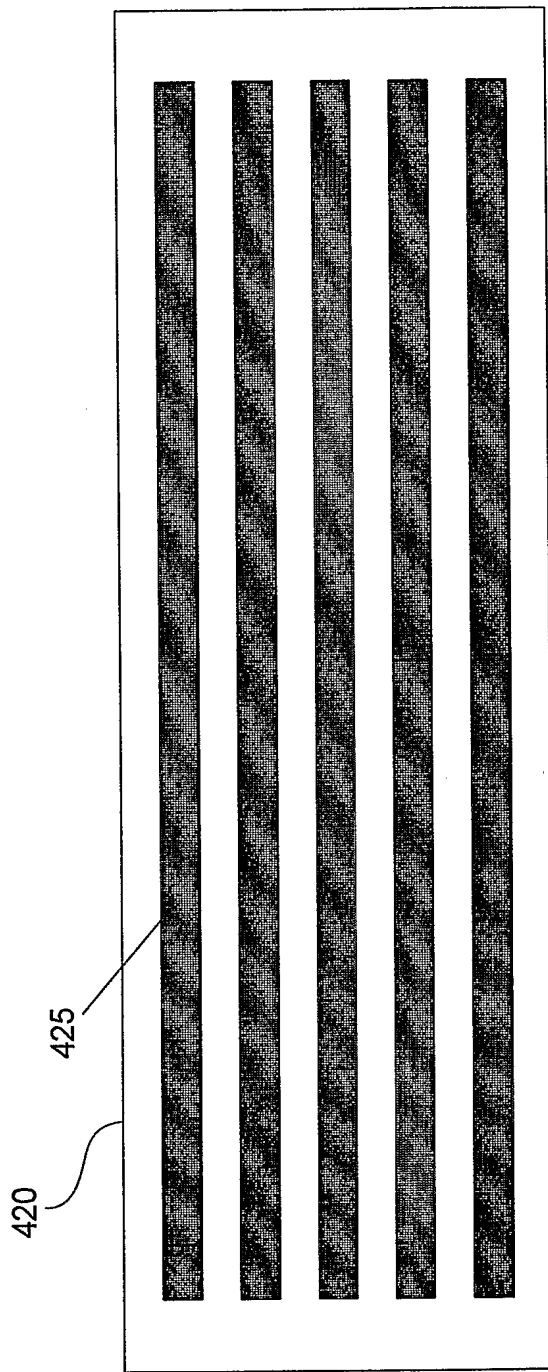


FIG. 4b

5/8

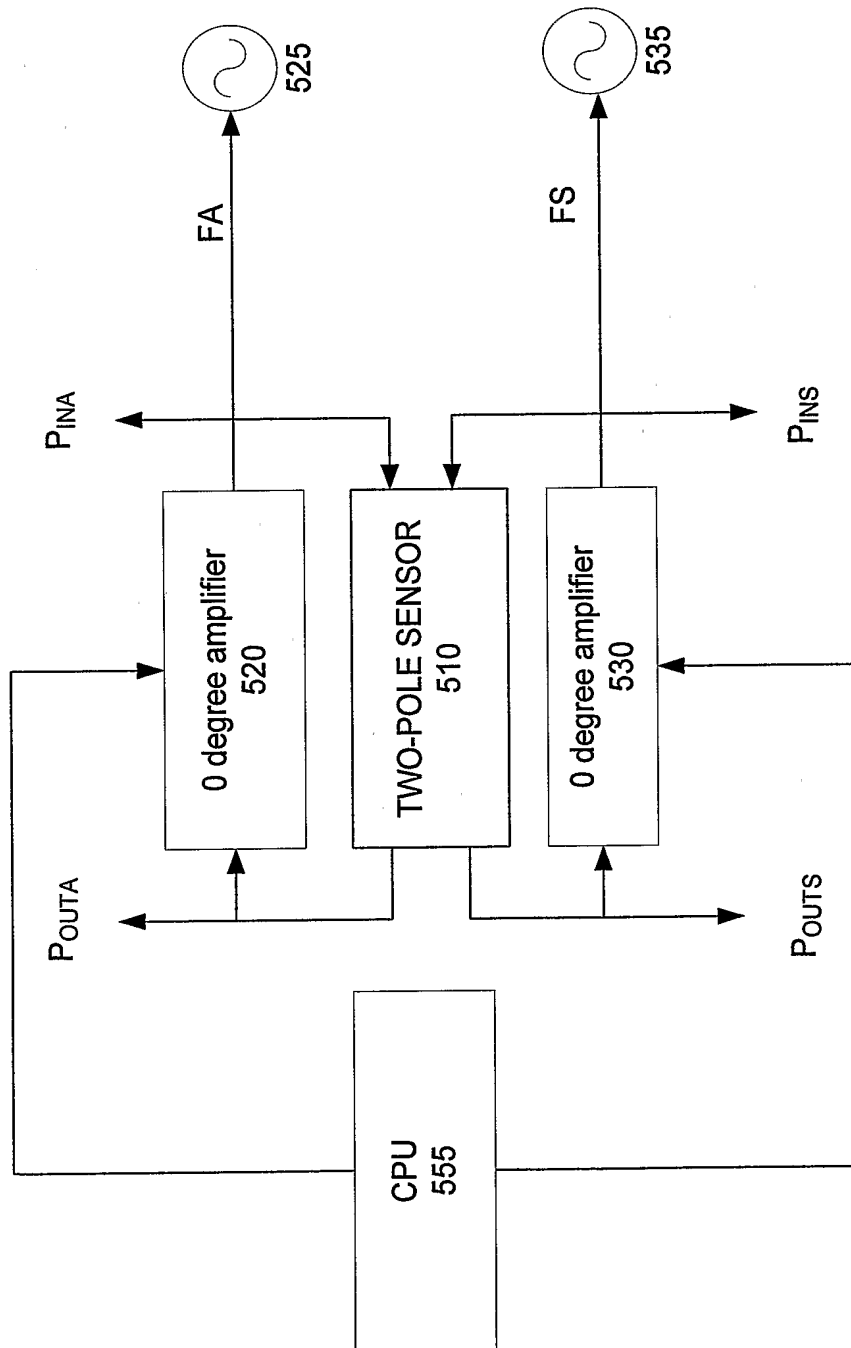
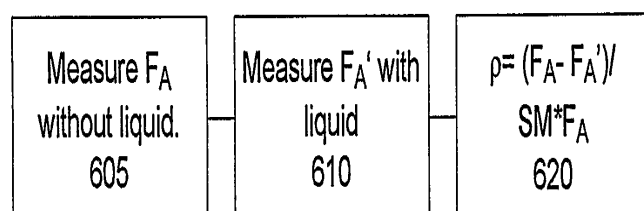
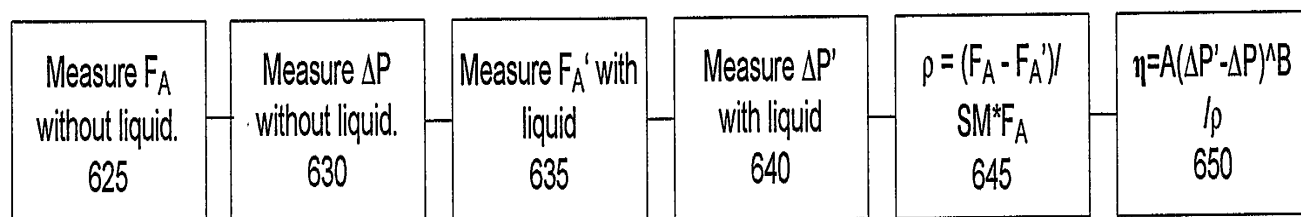


FIG 5

A) FREQUENCY-BASED DENSITY MONITOR



B) FREQUENCY-BASED DENSITY AND POWER-LOSS VISCOSITY MONITOR



C) FREQUENCY-BASED DENSITY AND VISCOSITY MONITOR

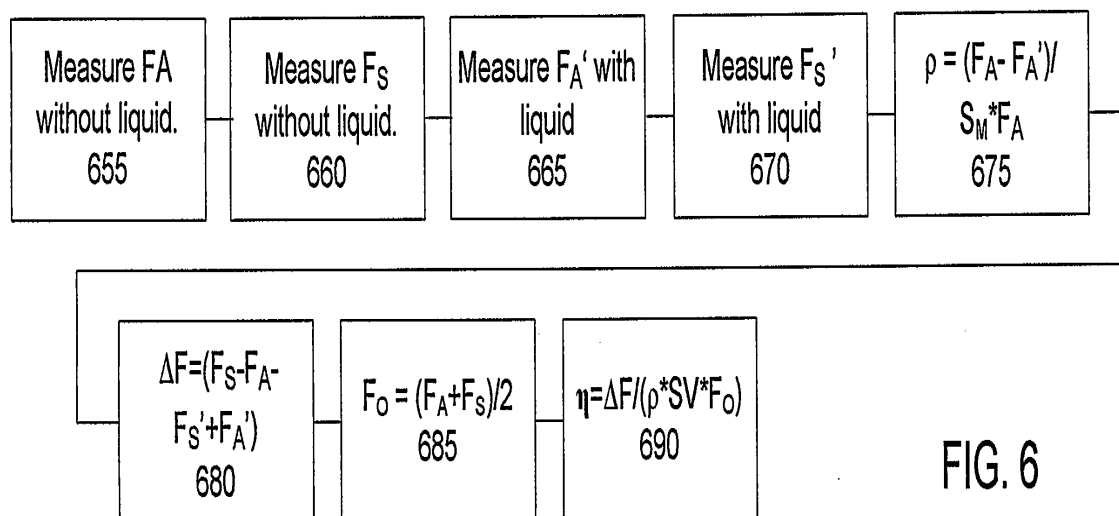


FIG. 6

7/8

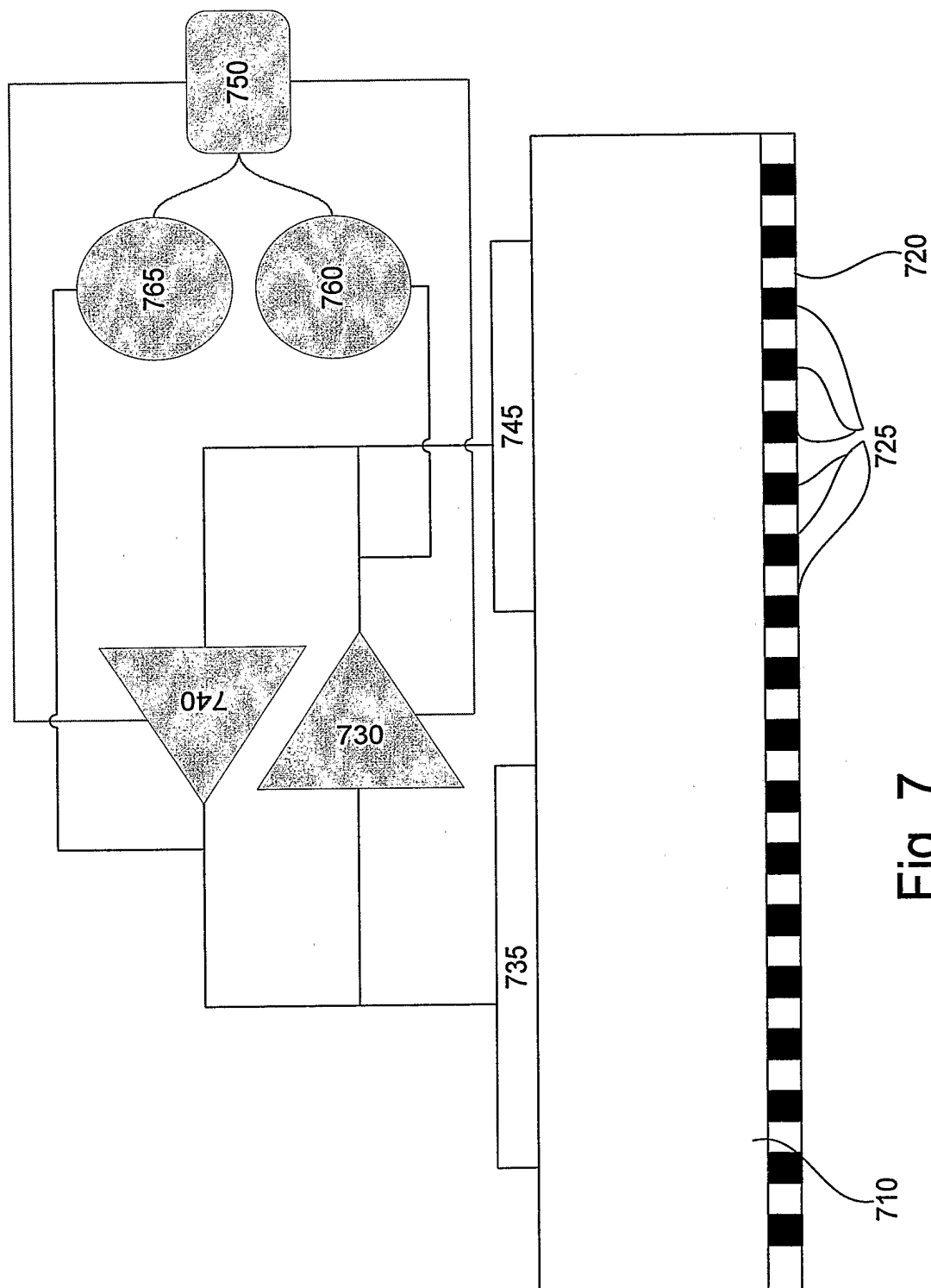


Fig. 7

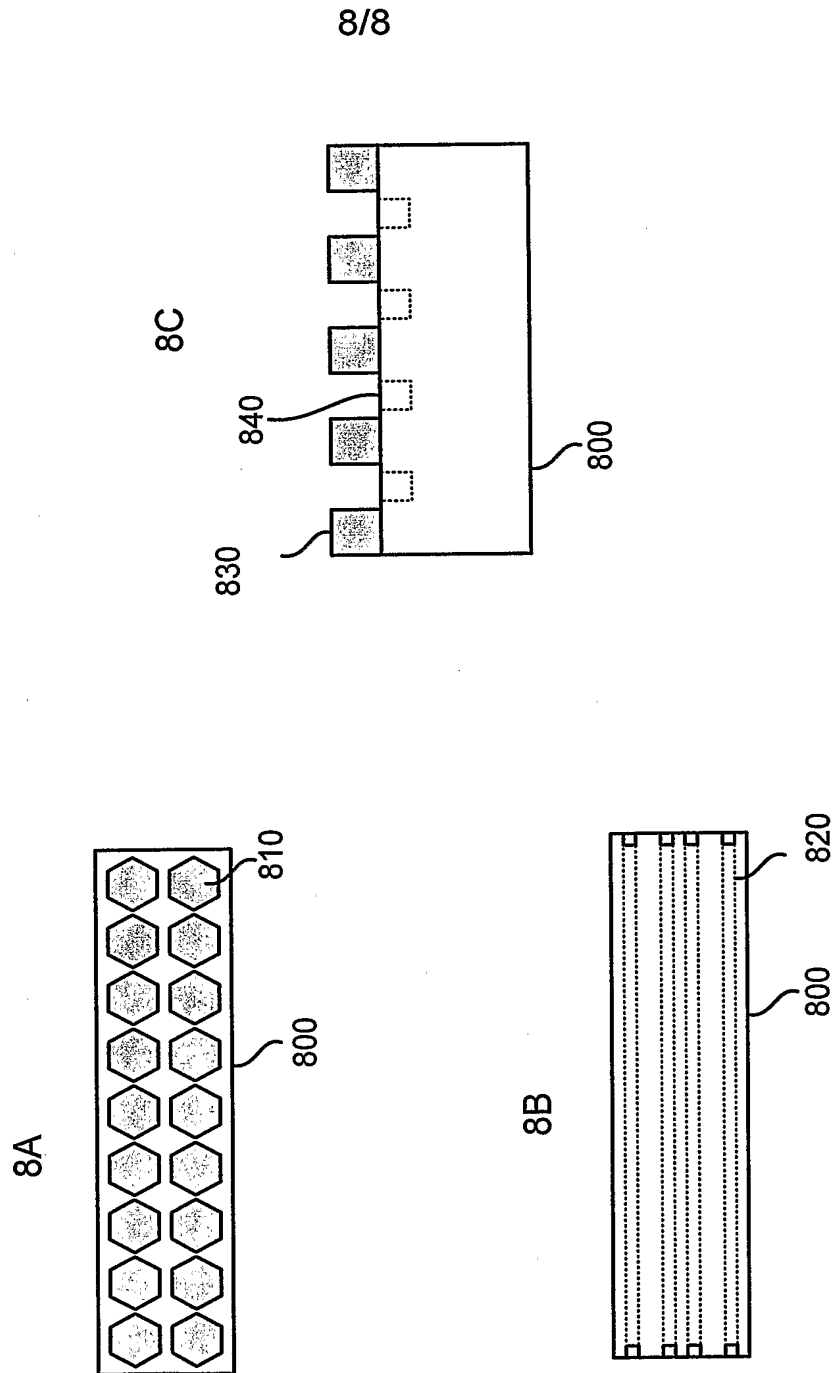


Fig. 8